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APPLICATION

FOR UNITED STATES LETTERS PATENT

SPECIFICATION

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, **LOUIS J. ROBERT**, a citizen of
CANADA, have invented a new and useful **VEHICLE**
MOUNTABLE GUN AND EQUIPMENT CASE of which the
following is a specification:

VEHICLE MOUNTABLE GUN AND EQUIPMENT CASE

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BACKGROUND OF THE INVENTION

Field of the Invention

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The present invention relates to gun cases and more particularly pertains to a new vehicle mountable gun and equipment case for the safe transportation of guns and equipment.

15 Description of the Prior Art

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The use of gun cases is known in the prior art. More specifically, gun cases heretofore devised and utilized are known to consist basically of familiar, expected and obvious structural configurations, notwithstanding the myriad of designs encompassed by the crowded prior art which have been developed for the fulfillment of countless objectives and requirements.

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Known prior art includes U.S. Patent No. 4,844,309; U.S. Patent No. 3,811,562; U.S. Patent No. Des. 346,143; U.S. Patent No. 5,573,162; U.S. Patent No. 4,257,464; and U.S. Patent No. 3,138,306.

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While these devices fulfill their respective, particular objectives and requirements, the aforementioned patents do not

disclose a new vehicle mountable gun and equipment case. The inventive device includes an upper cover having a top portion and an upper perimeter wall. The upper perimeter wall extends away from a perimeter of the top portion. Next provided is a lower cover
5 having a bottom portion and a lower perimeter wall. The lower perimeter wall extends outwardly from a perimeter of the bottom portion such that the lower perimeter wall and the bottom portion define a space within the lower cover. The lower cover is hingedly attached to the upper cover. A plurality of clasp means are for
10 releasably securing the upper cover to the lower cover. Also included is an equipment retaining pad having at least one of a shaped cut out. The pad is insertable into the space of said lower cover. The shaped cut out is for conformably receiving a piece of equipment. A plurality of vehicle attachment means are adapted for
15 attaching the lower cover to a vehicle..

In these respects, the vehicle mountable gun and equipment case according to the present invention substantially departs from the conventional concepts and designs of the prior art, and in so
20 doing provides an apparatus primarily developed for the purpose of the safe transportation of guns and equipment.

SUMMARY OF THE INVENTION

25 In view of the foregoing disadvantages inherent in the known types of gun cases now present in the prior art, the present invention provides a new vehicle mountable gun and equipment case construction wherein the same can be utilized for the safe transportation of guns and equipment.

30 The general purpose of the present invention, which will be described subsequently in greater detail, is to provide a new vehicle

mountable gun and equipment case apparatus and method which has many of the advantages of the gun cases mentioned heretofore and many novel features that result in a new vehicle mountable gun and equipment case which is not anticipated, rendered obvious,

5 suggested, or even implied by any of the prior art gun cases, either alone or in any combination thereof.

To attain this, the present invention generally comprises an upper cover having a top portion and an upper perimeter wall.

10 The upper perimeter wall extends away from a perimeter of the top portion. Next provided is a lower cover having a bottom portion and a lower perimeter wall. The lower perimeter wall extends outwardly from a perimeter of the bottom portion such that the lower perimeter wall and the bottom portion define a space within
15 the lower cover. The lower cover is hingedly attached to the upper cover. A plurality of clasping means are provided for releasably securing the upper cover to the lower cover. Also included is an equipment retaining pad having at least one of a shaped cut out. The pad is insertable into the space of said lower cover. The shaped
20 cut out is for conformably receiving a piece of equipment. A plurality of vehicle attachment means are adapted for attaching the lower cover to a vehicle.

There has thus been outlined, rather broadly, the more
25 important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the invention that will be described hereinafter and which will form the subject matter
30 of the claims appended hereto.

In this respect, before explaining at least one embodiment of the invention in detail, it is to be understood that the invention is not limited in its application to the details of construction and to the arrangements of the components set forth in the following
5 description or illustrated in the drawings. The invention is capable of other embodiments and of being practiced and carried out in various ways. Also, it is to be understood that the phraseology and terminology employed herein are for the purpose of description and should not be regarded as limiting.

10 As such, those skilled in the art will appreciate that the conception, upon which this disclosure is based, may readily be utilized as a basis for the designing of other structures, methods and systems for carrying out the several purposes of the present
15 invention. It is important, therefore, that the claims be regarded as including such equivalent constructions insofar as they do not depart from the spirit and scope of the present invention.

20 Further, the purpose of the foregoing abstract is to enable the U.S. Patent and Trademark Office and the public generally, and especially the scientists, engineers and practitioners in the art who are not familiar with patent or legal terms or phraseology, to determine quickly from a cursory inspection the nature and essence of the technical disclosure of the application. The abstract is
25 neither intended to define the invention of the application, which is measured by the claims, nor is it intended to be limiting as to the scope of the invention in any way.

30 It is therefore an object of the present invention to provide a new vehicle mountable gun and equipment case apparatus and method which has many of the advantages of the gun cases

mentioned heretofore and many novel features that result in a new vehicle mountable gun and equipment case which is not anticipated, rendered obvious, suggested, or even implied by any of the prior art gun cases, either alone or in any combination thereof.

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It is another object of the present invention to provide a new vehicle mountable gun and equipment case which may be easily and efficiently manufactured and marketed.

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It is a further object of the present invention to provide a new vehicle mountable gun and equipment case which is of a durable and reliable construction.

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An even further object of the present invention is to provide a new vehicle mountable gun and equipment case which is susceptible of a low cost of manufacture with regard to both materials and labor, and which accordingly is then susceptible of low prices of sale to the consuming public, thereby making such vehicle mountable gun and equipment case economically available to the buying public.

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Still yet another object of the present invention is to provide a new vehicle mountable gun and equipment case which provides in the apparatuses and methods of the prior art some of the advantages thereof, while simultaneously overcoming some of the disadvantages normally associated therewith.

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Still another object of the present invention is to provide a new vehicle mountable gun and equipment case for the safe transportation of guns and equipment.

Still yet another object of the present invention is to provide a new vehicle mountable gun and equipment case that will provide quick and efficient access guns and equipment case while in the field.

Even still another object of the present invention is to provide a new vehicle mountable gun and equipment case that will protect guns and equipment within the case while being transported on an all terrain vehicle over rough terrain.

These together with other objects of the invention, along with the various features of novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure. For a better understanding of the invention, its operating advantages and the specific objects attained by its uses, reference should be made to the accompanying drawings and descriptive matter in which there are illustrated preferred embodiments of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

The invention will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

Figure 1 is an perspective view of a new vehicle mountable gun and equipment case according to the present invention.

Figure 2 is a top plan view of the present invention.

Figure 3 is a open top plan view of the present invention.

Figure 4 is a cross-sectional view along line 4-4 of Figure 2 of the present invention.

Figure 5 is an enlarged view of the area designated 5 in Figure 4 of the present invention.

Figure 6 is a bottom plan view of the present invention.

Figure 7 is an enlarged cross-sectional view of vehicle attachment means and lower cover of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference now to the drawings, and in particular to Figures 1 through 6 thereof, a new vehicle mountable gun and equipment case embodying the principles and concepts of the present invention and generally designated by the reference numeral 10 will be described.

As best illustrated in Figures 1 through 7, the vehicle mountable gun and equipment case 10 generally comprises an upper cover 12 having a top portion 14, an upper perimeter wall 16 and an upper lip 18. The upper perimeter wall extends away from a perimeter of the top portion such that the upper perimeter wall and the top portion define a space within the upper cover. The lip extends around a bottom edge 20 of the upper perimeter wall. The lip has a front portion 22 and a rear portion 24. The front portion has a plurality of a top portions of a clasping means 26 deposited thereon. A pad 28 is constructed of an elastomeric material. The pad is disposed in the space of the upper cover portion.

As shown in Figures 4, 5 and 6, a lower cover 30 has a bottom portion 32, a lower perimeter wall 34 and a lower lip 36. The bottom portion has a plurality of bores 38 therethrough. The lower perimeter wall extends outwardly from a perimeter of the bottom portion such that the lower perimeter wall and the bottom portion define a space within the lower cover. The lower lip extends around an upper edge 40 of the lower perimeter wall. The lower lip has a front portion 42 and a rear portion 44. The rear portion of the lower lip is hingedly coupled to the rear portion of the upper lip. The front portion of the lower lip has a plurality of bottom portions of a clasp means 46 such that the lower the bottom portions of the clasp means are releasably couplable to the upper portions of the clasp means. The lower lip has a channel 48 therein. The channel is adapted for receiving an elastomeric seal 50 such that when the upper lip is clasped to the lower lip the elastomeric seal prevents the introduction of fluids or debris into the space of the upper cover and the space of the lower cover.

As show in Figure 3 an equipment retaining pad 52 has a plurality of shaped cut outs 54 and a plurality of fastener bores 56. The pad is insertable into the space of sad lower cover. The fastener bores are positionable in alignment with the bores of the bottom portion. The shaped cut outs are adapted for conformably receiving a piece of equipment. Each of the shaped cutouts has a plurality of semicircular cutouts 58 extending outwardly from a periphery of the shaped cutouts. The semicircular cutouts facilitate the removal of the equipment from the shaped cut outs.

Figure 7 shows a plurality of vehicle attachment means 60 adapted for attaching the lower cover to the equipment carrying

area of the all terrain vehicle. Each of vehicle attachment means has a bolt portion 62, a nut portion 64, a frusto conical portion 66 and clamp portion 68. The bolt portion is coupled to the frusto conical portion. The bolt portion extends through the bores of the bottom portion. The nut portion is insertable through the fastener bores of the equipment retaining pad for securing the bolt portion to the bottom portion. The frusto conical portion is adapted for supporting the bottom portion. The clamp portion is coupled to the frusto conical portion opposite the bolt portion. The clamp portion is adapted for engaging the equipment carrying area of the all terrain vehicle.

In use, a user secures the gun and equipment case to a vehicle, such as an all terrain vehicle 1, with the vehicle attachment means. A user is then able to place guns 2 and equipment 3 into the shaped cutouts shaped to conform to that particular gun or piece of equipment. The upper cover would then be closed over the lower cover and the clasp means would then be closed to secure the equipment inside. The user could then transport the equipment to a location as is desired and retrieve the undamaged equipment from the case.

As to a further discussion of the manner of usage and operation of the present invention, the same should be apparent from the above description. Accordingly, no further discussion relating to the manner of usage and operation will be provided.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed

readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

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Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.

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